

Our Washington News Letter.

Messrs. Editors:—Uncle Sam has begun his annual distribution of seeds, and it is promised that it will be bigger this year than ever before. Within the next few months over a thousand tons of garden and field seeds will be distributed, on Congressional order, among the people of every State in the Union. The demand last year far exceeded the supply, and consequently the appropriation for this service was increased to \$290,000—\$20,000 more than in 1903. This branch of government work is growing enormously. Four years ago less than fifteen million packages were sent out; it is estimated that the number this year will reach fifty million—an increase of more than 300 per cent. The cost to the Department, too, has risen from about \$4.50 per thousand to \$6. Eight years ago the distribution cost relatively the insignificant sum of \$76,000; it has now advanced, as stated, to upwards of \$300,000. Garden seeds, especially have been demanded, and the Secretary of Agriculture has been as steadily importuned for these as the President has for places. This year each Senator and Congressman will have 14,500 packages (each containing five packets) to his credit; also 500 packages of flower seeds and thirty of lawn grass seed.

CONGRESSIONAL SEED DISTRIBUTION.

The Department will also lend official aid to the development of school garden work, and large quantities of seeds are to be distributed through Congressmen to the children of the country. An effort is being made, for the first time, to make this service a factor in the education of American boys and girls. Circulars containing directions for planting accompany the seeds, and it is hoped that teachers will co-operate in imparting to the youthful mind the first principles of agriculture. The distribution is being earlier this year than usual, in order to avoid the complaints frequently made in the past, that the seeds arrived too late to be made of any good. More care will be also taken in adapting the products to the sections where they are expected to grow. Special distributions will be made of cotton, tobacco, beet sugar, etc. No trees will be sent out free by the Government this year.

"DURUM" OR MACARONI WHEAT.

The Bureau of Plant Industry has issued a bulletin in regard to what is popularly known as mararoni wheat, since no other wheat will make good mararoni. This wheat, however, is equally well adapted to making bread, and the name "durum" has been coined by the Bureau to distinguish it from the many other varieties. Durum means hard, and that is the especial quality of this cereal. Introduced from Russia only a few years ago, when it was quite unknown in this country, its value has been so promptly demonstrated that no other new crop has ever had such a record. The production leaped from a scant 100,000 bushels in

1901 to 6,000,000 last year, and it is believed that it will exceed 15,000,000 this season. The special advantages of durum are that it ripens earlier in semiarid districts than other wheats—thus having a better chance to escape insect and fungous enemies; it resists rust and smut, and is impervious to drought; it produces a hard grain, with an excellent quantity of gluten; the sugar content is greater than that of other wheats, and the baker can obtain more loaves from the same quantity of flour. Humidity is the one condition that is disastrous to the crop.

HOW THE CORN CROP COULD BE DOUBLED.

In spite of the gigantic proportions of our corn crop, the average per acre is only a trifle below twenty-seven bushels—which, though some two bushels above the average for the last decade, is still low enough to warrant the assertion that our production could readily be doubled. That it could be done without any extra work or expense is the bolder declaration made by an official of the Agricultural Department. He qualifies his statement by the explanation that it may not be desirable to double the present crop, but that it is unquestionably desirable to produce the same yield on less ground and with less labor. The secret of success lies in choosing better seed and cultivating more intelligently. The weather should not be made the scapegoat for all crop failures; nor should poor soil be held responsible. It is pointed out that the general average production is not lowered to any extent by the meagre crops in sections unsuited to corn growing. This is illustrated in the New England States, where, in spite of short seasons and poor soil, the yield per acre is greater than in any other part of the country. Conditions under the direct control of the farmer make it possible to double the average output within a few years. Advice as to how to accomplish this result is embodied in a farmers' bulletin lately issued.

In Iowa and Missouri corn is grown with the same care that is given to horses in Kentucky. Some growers bred it for oil, for use in breweries, some for protein and for feeding live stock. Those who have been at the St. Louis Exposition will remember this astonishing variety of corn displayed—long ears, short, ears, kernels close on the cob, kernels straight and regular, kernels fat and full, or kernels of no account, attention being concentrated on the cob. This results in enormously fat ears which are meant for corn-cob pipes, of which one town in Missouri turns out a million a year. W. H. TODD.

Washington, D. C., Nov. 24, 1904.

The Progressive Farmer is better than it has ever been, and I shall give up many other papers before I can give it up. I am still soliciting new names.—T. B. Lindsay, Rockingham Co., N. C.

Do you wish to buy anything? See if it is not advertised in our columns. If not, write to the Editor.

DO YOU GET UP WITH A LAME BACK?**Have You Uric Acid, Rheumatism or Bladder Trouble?**

Pain or dull ache in the back is unmistakable evidence of kidney trouble. It is Nature's timely warning to show you that the track of health is not clear.

If these danger signals are unheeded, more serious results are sure to follow; Bright's disease which is the worst form of kidney trouble may steal upon you.

The mild and the extraordinary effect of the world-famous kidney and bladder remedy, Dr. Kilmer's Swamp-Root, is soon realized. It stands the highest for its wonderful cures of the most distressing cases. A trial will convince anyone—and you may have a sample bottle free, by mail.

Swamp-Root Entirely Cured Me.

Among the many famous investigated cures of Swamp-Root, the one we publish this week for the benefit of our readers, speaks in the highest terms of the wonderful curative properties of this great kidney remedy.

GENTLEMEN:—I attribute my present good health to Swamp-Root. I suffered many years with kidney trouble, and had an almost constant pain in my back. Your great remedy, Swamp-Root, cured my trouble, and I have since been perfectly well.

Yours truly,

R. H. CHALKER,
Ex-Chief of Police, Ozark, Ala.

Lame back is only one symptom of kidney trouble—one of many. Other symptoms showing that you need Swamp-Root are, obliged to pass water often during the day and to get up many times at night, inability to hold your urine, smarting or irritation in passing, brick-dust or sediment in the urine, catarrh of the bladder, uric acid, constant headache, dizziness, sleeplessness, nervousness, irregular heart-beating, rheumatism, bloating, irritability, wornout feeling, lack of ambition, loss of flesh, sallow complexion.

If your water when allowed to remain undisturbed in a glass or bottle for twenty-four hours, forms a sediment or settling, or has a cloudy appearance, it is evidence that your kidneys and bladder need immediate attention.

In taking Swamp-Root you afford natural help to Nature, for Swamp-Root is the most perfect healer and gentle aid to the kidneys that is known to medical science.

To Prove What SWAMP-ROOT, the Great Kidney, Liver and Bladder

Remedy Will do for YOU, Every Reader of The Progressive Farmer

May Have a Sample Bottle Absolutely Free by Mail.

SPECIAL NOTE.—In order to prove the wonderful merits of Swamp-Root you may have a sample bottle and a book of valuable information, both sent absolutely free by mail. The book contains many of the thousands upon thousands of testimonial letters received from men and women cured. The value and success of Swamp-Root is so well known that our readers are advised to send for a sample bottle. In sending your address to Dr. Kilmer & Co., Binghamton, N. Y., be sure to say you read this generous offer in The Raleigh Progressive Farmer.

FREY'S VERMIFUGE

Is the same good, old-fashioned medicine that has saved the lives of little children for the past 60 years. It is a medicine made to cure. It has never been known to fail. If your child is sick get a bottle of

**FREY'S VERMIFUGE
A FINE TONIC FOR CHILDREN**

Do not take a substitute. If your druggist does not keep it, send twenty-five cents in stamps to

E. & S. FREY
Baltimore, Md.

a 4¢ bottle will be mailed you.

**UNIVERSITY COLLEGE OF
MEDICINE, RICHMOND,
VIRGINIA.
MEDICINE--DENTISTRY--PHARMACY**

**WE WILL PAY YOU TO SOLICIT
SUBSCRIPTIONS.**

The Progressive Farmer will pay a liberal commission to reliable men who wish to solicit subscriptions among their neighbors and friends. For particulars, address

**THE PROGRESSIVE FARMER,
Raleigh, N. C.**

**SLOAN'S
LINIMENT**

**KILLS
PAIN**
**FOR FARM
FACTORY AND
FAMILY USE**
**AN ENTIRE
MEDICINE
CHEST**

When writing advertisers, please mention this paper.